

Fire Test Certificate - Specimen

Fabric: Wool Serge 565

Type: AS/NZS 1530.3

J&C Joel 
Inspiration in every performance

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
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TEST REPORT

Client : J & C Joel Ltd
Corporation Mill, Corporation Street
Sowerby Bridge, Halifax, HX6 2QQ
ENGLAND

Test Number : 18-003051
Issue Date : 20/06/2018
Print Date : 20/06/2018

Sample Description Clients Ref : "Premier Wool Serge"
Milled woven woollen fabric
End Use : Curtains & Drapery
Nominal Composition : 100% Wool
Nominal Mass per Unit Area/Density : 565g/m2
Nominal Thickness : 2.5mm

AS/NZS 1530.3-1999

Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

	Face	Mean
Face tested:	Face	
Date tested:	15/06/2018	
	Standard Error	
Ignition time	Nil	Nil min
Flame propagation time	Nil	Nil sec
Heat release integral	Nil	Nil kJ/m ²
Smoke release, log d	0.0197	-1.0172
Optical density, d		0.0966 / metre

Number of specimens ignited: 0
Number of specimens tested: 6

Regulatory Indices:

Ignitability Index	0	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	0	Range 0-10
Smoke Developed Index	4	Range 0-10

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: Accreditation No. 983
: Accreditation No. 985
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0204/11/06


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These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test.

The specimens were mounted to simulate use in an unsupported or free hanging mode. The results may be significantly different when mounted to simulate a wall cladding or upholstery application.

To allow free movement of sample during testing all corners were folded away from the clamps.

Each test specimen was sandwiched between two layers of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions, stapled through at four points, each 100mm from the centre of the sample and the assembly clamped in four places.

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